Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Wednesday 02 Aug 2023 until 23:59 on Thursday 03 Aug 2023

Forecast Issued on Tuesday 01 Aug 2023 at 12:39

Confidence: High for overall unsettled theme, lower for detail around duration and intensity of rain or showers.

Headline for Wednesday 02 Aug 2023: Cloudy with showers or longer spells of rain, heavy and perhaps thundery at times.

Mountain weather hazards on Wednesday 02 Aug 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Medium Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms Medium Likelihood	**Heavy persistent rain** Medium Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Heavy Rain	Heavy Rain	Light rain showers	Heavy rain showers	Heavy rain showers	Light rain showers	Light rain showers (night)
Precipitation probability							
70%	80%	70%	70%	60%	60%	60%	40%

Forecast for Wednesday 02 Aug 2023

Weather: Cloudy overnight with long periods of rain which will be heavy at times. Some breaks in the cloud during the morning but further showers will develop, often heavy with a risk of thunderstorms. Showers may ease a little through the evening?

Chance of cloud-free hill tops above 600m: 20% overnight improving to 60% by early afternoon.

Low cloud and visibility: Extensive cloud overnight around 300 metres with poor visibility. Lifting and breaking by early afternoon to 600 metres with mainly good visibility. Cloud base lowering to 400 metres in heavy showers or thunderstorms with moderate or poor visibility.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Wednesday 02 Aug 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/18 SE	21/29 SE	16/21 SE	10/14 SW	7/11 N	17/25 NE	20/30 N	21/30 N	18/27 N
300	9/16 SE	13/23 SE	12/19 SE	8/13 SW	7/11 NW	13/20 N	14/21 N	13/22 N	12/20 N
Valley	6/16 SE	10/21 E	9/18 SE	6/12 SW	7/12 N	11/23 NE	11/24 N	11/23 N	10/21 N

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/9	11/7	11/8	12/11	13/12	12/10	12/8	11/7	10/6
300	14/12	13/10	13/11	15/14	16/16	16/14	14/12	14/11	13/10
Valley	14/13	13/12	13/12	16/15	17/16	16/15	15/14	14/12	13/11
Freezing Level*	3400m	3100m	2700m	2500m	2500m	2700m	2700m	2700m	2500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Watercourses may become flooded in prolonged heavy rain or thunderstorms. Suitable clothing for unseasonable bad weather is essential.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Mon 31 Jul 2023	12mm	12.2mm	12.4mm

Forecast for Thursday 03 Aug 2023

Weather: Clear spells developing after midnight. A fine start to the day with well broken cloud and excellent visibility. More cloud developing through the day with the odd shower possible along with some sunny spells. Feeling cool in the strengthening north-westerly wind.

Maximum wind: NW 15 gust 25 mph

Chance of cloud-free hill tops above 600m: 90%, 50% in showers.

Low cloud and visibility: Mostly well broken above 600 metres in excellent visibility, lowering to 500 metres in showers with moderate visibility.

Temperature: **Valleys:** Ps 8 becoming Ps 18 Celsius
At 600m: Ps 9 BECMG Ps 13 Celsius
Freezing level: Above summits

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